

Welcome

Kirk Road Bridge Project



Public Meeting
October 28, 2015



Meeting Purpose

- ✓ *Next steps of the study*
- ✓ *Input is valued*
- ✓ *Preliminary Preferred Alternative*
- ✓ *Use of Forest Preserve Right of Way*



- ✓ ***Comprehensive analysis of Kirk Road***
 - Existing roadway and bridge conditions
 - Median and lane widths
 - Intersection improvements
 - Analysis of future transportation needs
 - Bicycle and pedestrian connectivity



Need for Improvements

Kirk Road Bridge Project

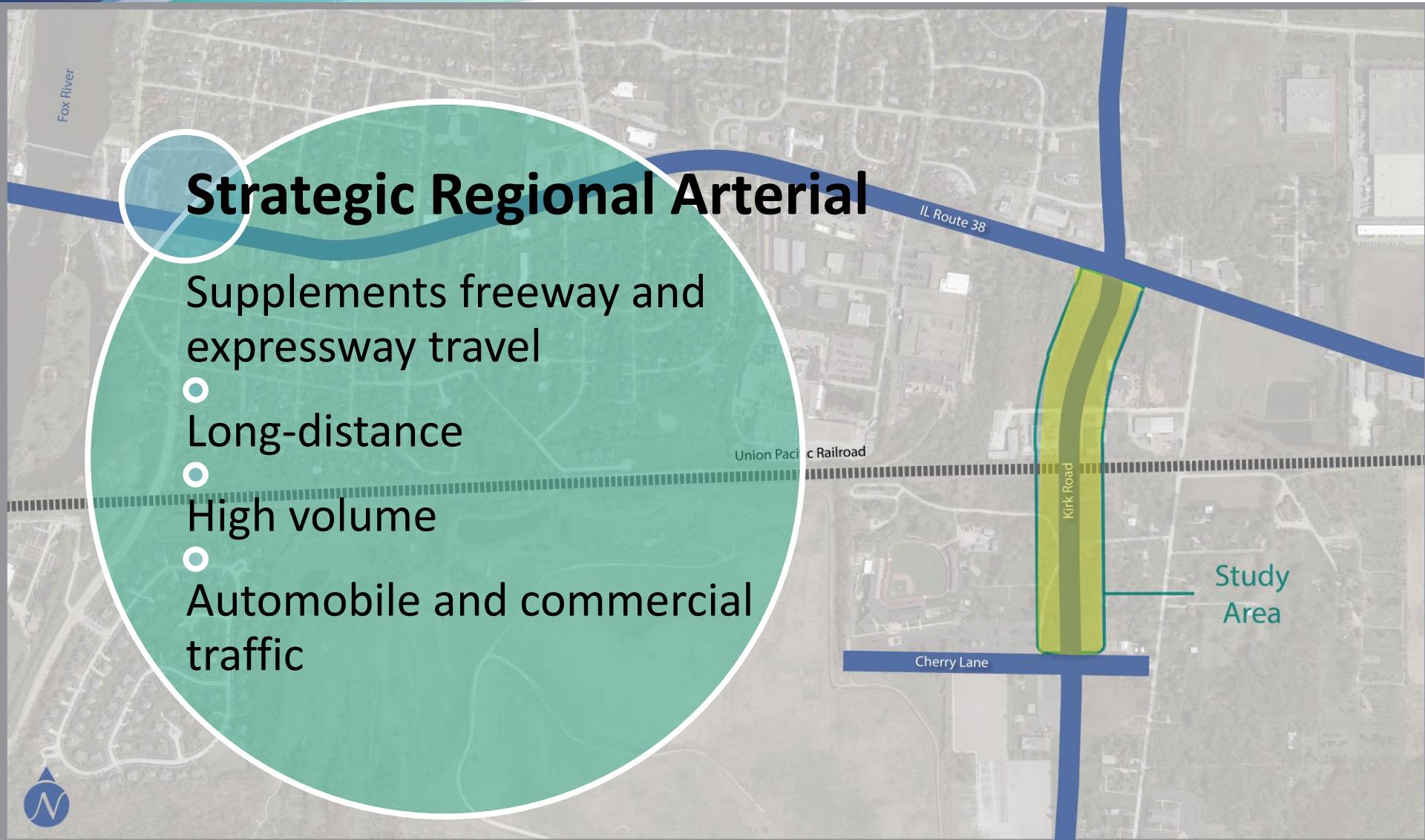
- ✓ *Plan for long term transportation solutions*
- ✓ *Adding lanes*
- ✓ *Connectivity*
- ✓ *Address roadway and bridge deficiencies*
- ✓ *Intersection improvements*





Strategic Regional Arterial

- Supplements freeway and expressway travel
- Long-distance
- High volume
- Automobile and commercial traffic

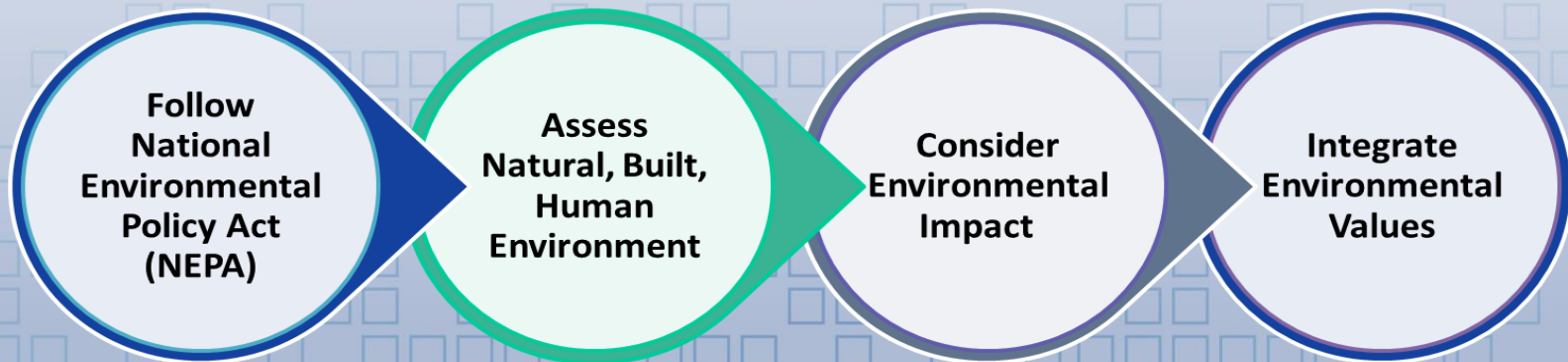


Study Process

Phase I Engineering



Environmental Requirements





✓ **Public Involvement**

- Project kick-off letters
 - Surrounding residents
 - Agencies and businesses
 - Other interested parties

✓ **What was heard?**

- ✓ Bicycle and pedestrian connectivity
- ✓ Aesthetics
- ✓ Access and congestion during construction
- ✓ Support future transportation needs

Alternatives evaluation criteria considered:

Project needs

Accessibility for vehicles, cyclists and pedestrians

Environmental Impacts

Property Impacts

Address future transportation needs

Construction cost and future maintenance

Maintenance of traffic during construction

Seven Design Alternatives

		Deck Replacement	Widen Bridge	Adjust median width	Adjust shoulder width	Address roadway & intersection deficiencies	Bike/Pedestrian Accommodations	2 Lanes in each direction	3 Lanes in each direction	Reduces Bridge Length	Retaining Walls	\$ of Construction
Alt 1	In-kind deck replacement	●						●				\$8.8M
Alt 2	Deck Replacement with slightly widened shoulders	●	●			●		●				\$9.4M
Alt 3	Bridge Replacement and widening with new beams and expanded piers	●	●	●		●	●		●	●		\$21.9M
Alt 4	Bridge Replacement and widening with two single span bridges and retaining walls	●	●	●	●	●	●		●	●	●	\$17.1M
Alt 5	Bridge Replacement and widening with one multi-span bridge and retaining walls	●	●	●	●	●	●		●	●		\$19.8M
Alt 6	Bridge Replacement and widening for pedestrian path only with new beams and expanded piers	●	●	●	●	●	●	●				\$11.9M - 12.3M
Alt 7	Deck Replacement and separate pedestrian bridge	●		●	●		●	●				\$12.8M



✓ **Alternative 4**

- Most economical option for widening
- Reduces long-term maintenance
- Provides flexibility in reducing impacts
- Addresses intersection deficiencies
- Addresses future transportation needs

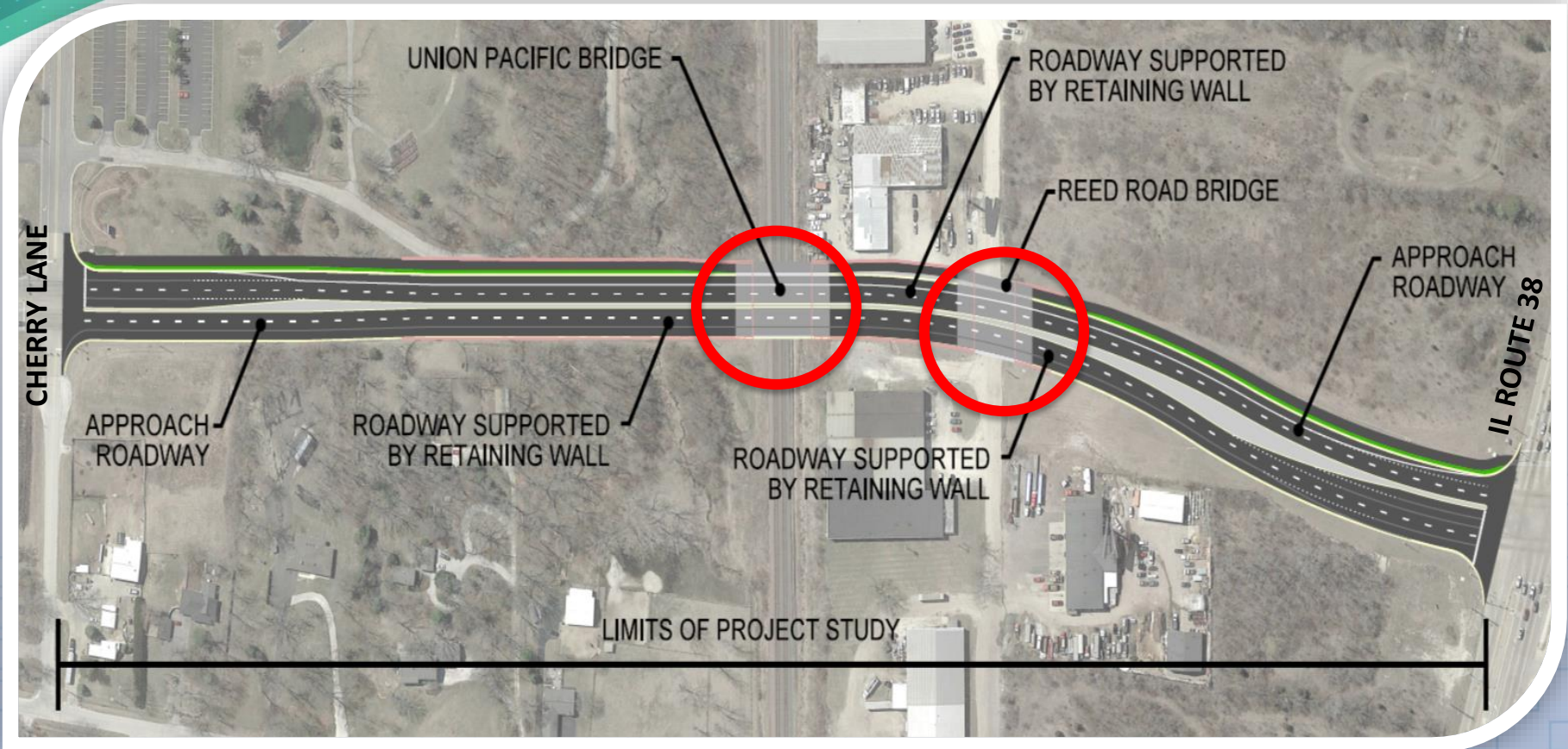
Features

Kirk Road Bridge Project



Features

Kirk Road Bridge Project



BRIDGE APPROACH SOUTHWEST CORNER FUTURE WALLS

BEFORE

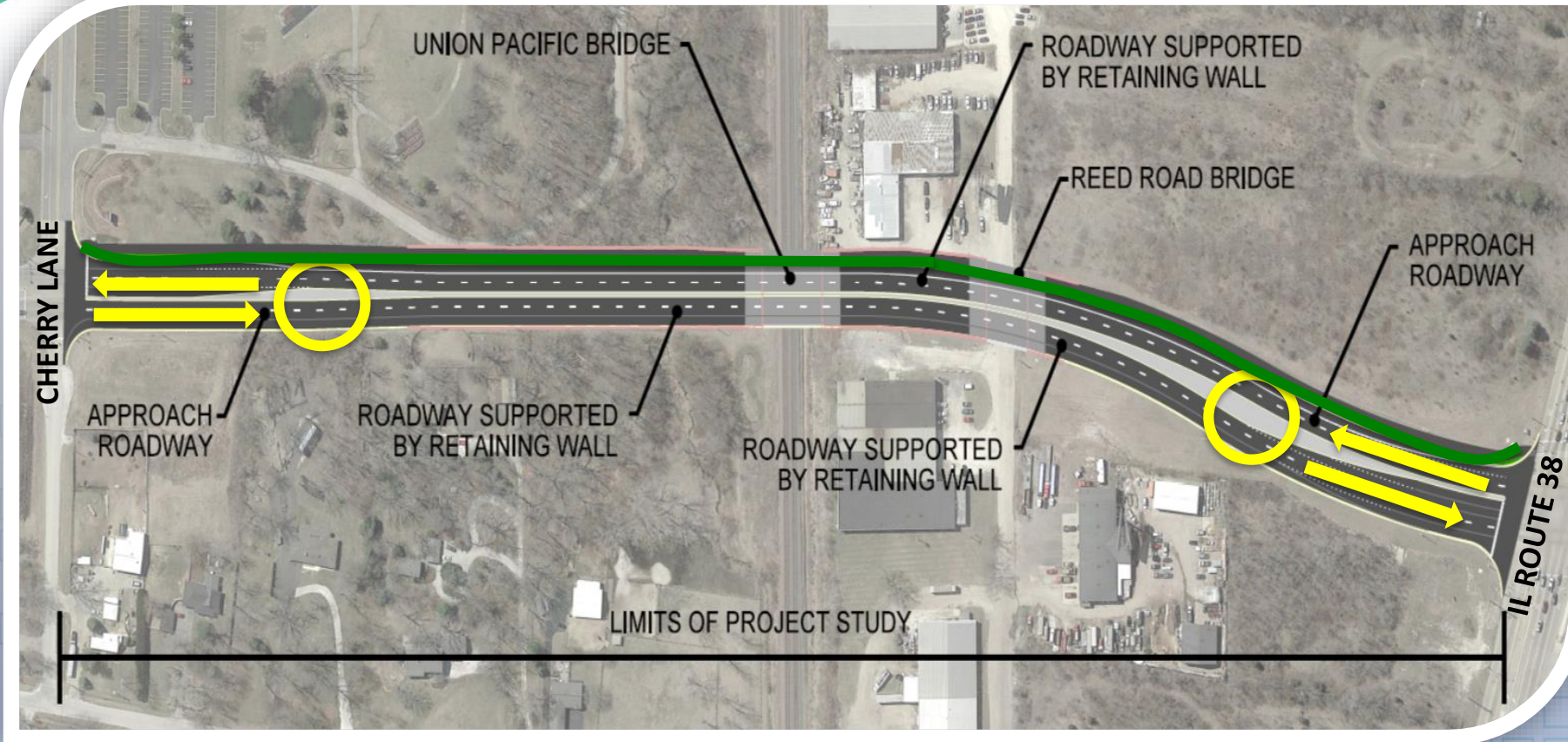


AFTER

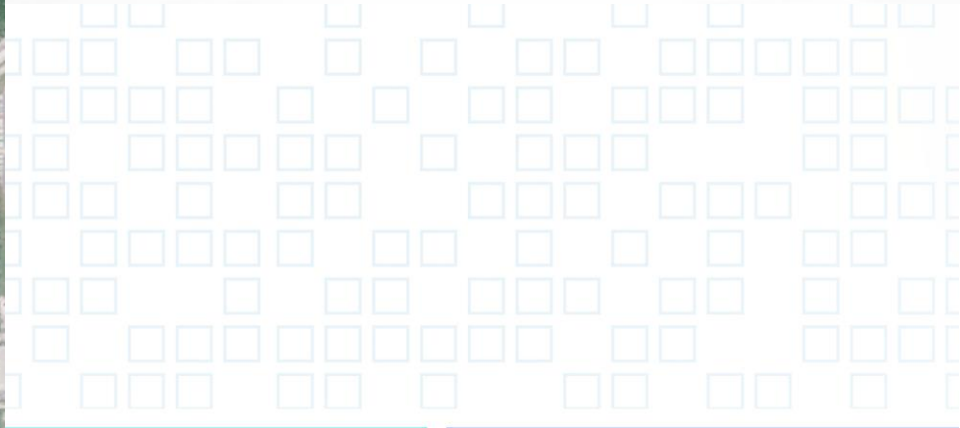


Features

Kirk Road Bridge Project

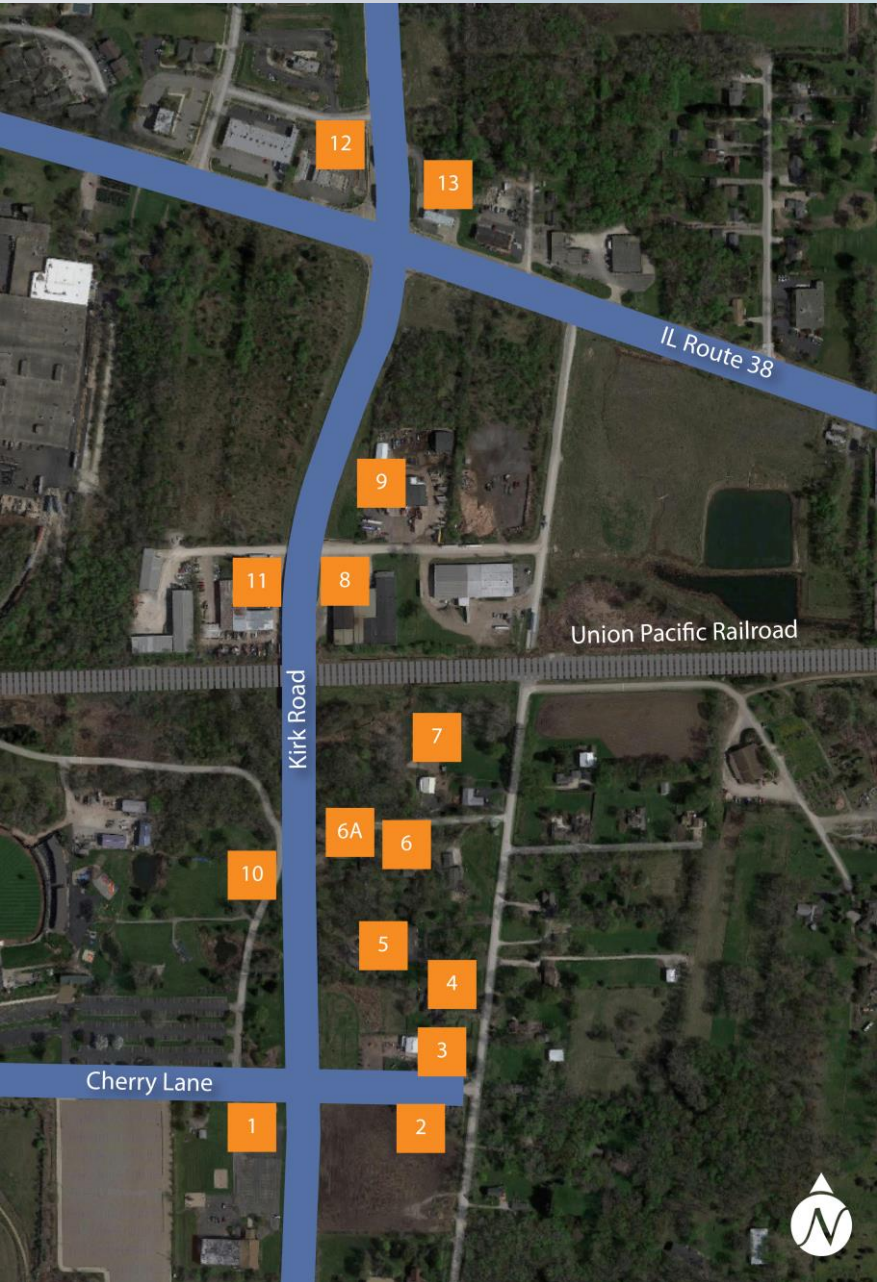


Shared-Use Path Connection Plan



Noise Study Conducted

Kirk Road Bridge Project



There is one site that approaches the noise abatement criteria under the future build condition and warranted consideration of a noise wall, however, the cost to erect a noise barrier is not reasonable and feasible.

13 noise locations were evaluated

No locations have been proposed for noise abatement

- 
- **Cultural resources** cleared
 - **Biological resources** cleared
 - **Impacted wetlands** will be minimized and mitigated (*<0.25 acres impacted*)
 - **Hazardous waste sites** – *none within proposed project footprint*
- 

✓ The preliminary Preferred Alternative will require right of way acquisition

- Locations and amount will be determined during later phases of the project
- Land from Forest Preserve property will be utilized to provide the shared-use path
- Fits the overall mission of the Forest Preserve District of Kane County.



Funding & Next Steps

PHASE I FUNDED
Preliminary Engineering &
Environmental Study

ANTICIPATED COMPLETION
Spring 2016



PHASE II FUNDED
Contract Plan Preparation
Land Acquisition

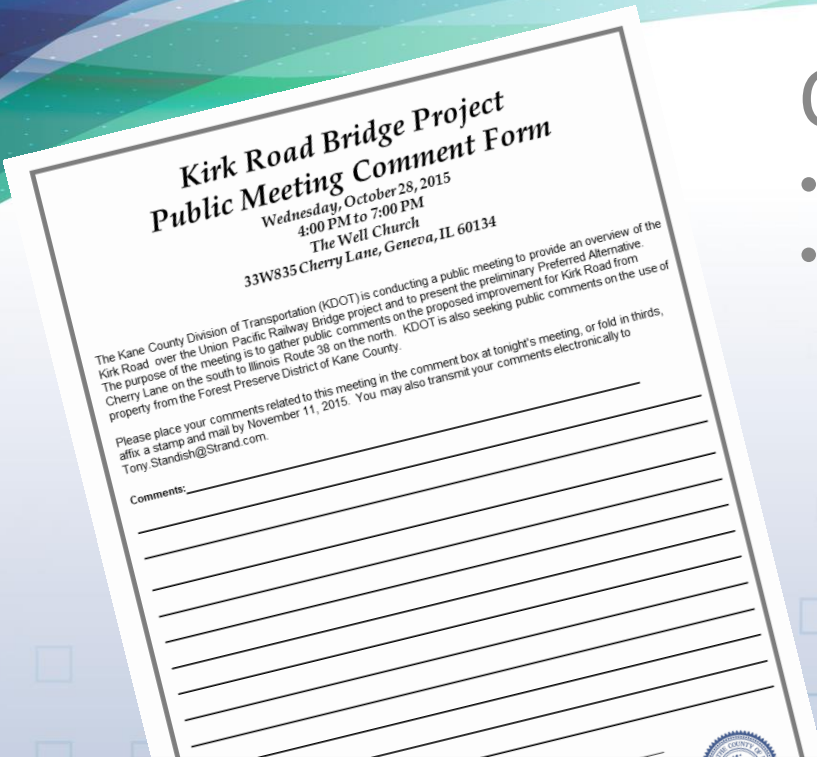
ANTICIPATED COMPLETION
2017



PHASE III FUNDED
Construction &
Construction Engineering

ANTICIPATED CONSTRUCTION
To Begin In 2018 And
Completed In 2019





Comments Please

- Written comment forms
- Tony Standish, P.E., S.E -
Consultant Project Manager
Strand Associates, Inc.
1170 South Houbolt Road
Joliet, IL 60431
Phone: (815)-744-4200
Email: Tony.Standish@Strand.com

***Comments received by November 11, 2015
will become part of the public meeting record***

THANK YOU FOR ATTENDING!

**Please visit the exhibit room and
meet with study team members.**

***The presentation will start
again momentarily.***